

U.S. Appln. No. 10/005,000
Page 2

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A process comprising:
pumping an organic based liquid working fluid to an elevated pressure,
heating the liquid working fluid to a high temperature and high-pressure gas,
expanding the high temperature and high-pressure gas through an expander to
produce shaft work,
using the shaft work to drive an air compressor for compressing air and
delivering compressed air to a fuel cell system component,
and removing energy from the gas to change the gas a to the organic based
liquid working fluid.

Claim 2 (original): A proves as set forth in claim 1 further comprising using the
shaft work to drive a pump for pressurizing and delivering cooling fluid to a fuel cell
system component.

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (previously presented): A process of heating a fuel cell stack during
relatively cold startup conditions comprising:

- a) pumping a fuel cell stack organic based liquid cooling fluid to an elevated
pressure,
- b) thereafter transferring thermal energy between the fuel cell stack liquid
cooling fluid and a fuel cell stack,
- c) heating the organic based liquid cooling fluid.

U.S. Appl. No. 10/005,000
Page 3

d) immediately thereafter expanding the heated cooling fluid in an expander to produce shaft work,

e) using the shaft work to drive an air compressor for compressing air and delivering compressed air to a fuel cell stack,

f) directing the cooling fluid through a condenser wherein the condenser fans are turned off, and

repeating steps (a-f) until the temperature of the fuel cell stack has reached a predetermined temperature suitable for operating fuel cell under post startup operating conditions.

Claim 8. (original): A process as set forth in claim 7 further comprising using the shaft work to drive a pump for pressurizing and delivering cooling fluid to a fuel cell system component.

Claim 9. (canceled)